**Sharath**

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| **ABOUT ME** |

I am a very passionate Developer around 8 years of experience in Core Java/J2EE, Hibernate, Spring Framework, Design Pattern, WebSphere, Oracle, Ajax, Log4j,XML, and Maven etc.

**PROFESSIONAL SUMMARY**

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| **EDUCATION** |

Master’s in Information Technology from Valparaiso University, Indiana

Bachelor of Technology in Computer Science ofEngineering from Hyderabad, India.

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| **PROFESSIONAL SUMMARY** |

* Expertise in design and development of multi-tier web-based applications using J2EE technologies like JSP,

Servlets, JDBC and frameworks like Struts, Spring IOC, Spring boot, MVC and Hibernate.

* Experienced in configuring and deploying applications on Jboss eclipse, Web Sphere, Weblogic.
* Extensively used Camel Services in backend services for routing purpose.
* Excellent work experience with Designing and developing Web Services to communicate with business partners using SOAP / REST protocol.
* Strong development experience creating rich frontend UI in HTML5, CSS3, JavaScript, AJAX, JSF / JavaScript technologies using JavaScript libraries like JQuery, Angular JS, Backbone JS, Node JS.
* Excellent working experience in Databases like My SQL, Oracle and SQL Server.
* Experience in automating the tasks using shell and batch scripting.
* Experience in Test Driven Development.
* Worked with JUnit, Maven and Log4j for testing, building and logging information.
* Experience in micro services with Spring Boot and Apache camel based Restful API’s interacting through a combination of REST, SOAP and Apache Kafka message brokers.
* Experience in Spring Core annotations for Spring Dependency Injection, Spring MVC for Rest API’s and Spring Boot for microservices.
* Experience in REST API, HTTP requests and implemented JSON format for data exchange for communication of microservices with one another.
* Experience in software development methodologies like Agile and Waterfall model.
* Experience in client interactions for understanding requirements, creating design, reporting status.
* Strong problem solving and trouble-shooting capabilities, ability to work efficiently in both independent and teamwork environments.

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| **PROFESSIONAL EXPERIENCE** |

**American Express – Pheonix, AZ Aug 2020 – Present**

**Role: Javadeveloper**

**Description:** Amex is credit card and online banking company which always aims to deliver an integrated perspective of next generation capabilities, thereby strengthening Amex’s ability to leverage emerging technology

It analyzes recorded data from numerous enterprise systems to create new information that facilitates innovative and critical risk management processes for various business units.

 **Responsibilities:**

* Implemented the project as a multi-tier application using **Spring MVC, Spring boot, Microservices**& used core Spring concepts like MVC, Cloud, Security, AOP AND IOC.
* Used **REST API**, HTTP requests and implemented JSON format for data exchange for communication of microservices with one another.
* Involved in Analysis, Design, Development, DEV, UAT and Production phases of the application.
* Develop **Micro services** with **Spring Boot** and **Apache camel** based **Restful** API’s interacting through a combination of **REST, SOAP** and **Apache Kafka messagebrokers**.
* Develop a **core rule-based routing framework** for business model using **Apache Camel Enterprise Integration Pattern** with **SpringBoot.**
* Using **Spring Core annotations** for **Spring Dependency Injection**, **Spring MVC** for **Rest API’s** and **Spring Boot** for**microservices**.
* **Lead API** specification definition utilizing **Swagger YAML** in consultation with API council.
* Designed and Developed **Exception Handling framework** utilized by 3 applications.
* Extensively used core java concepts like **Multithreading Collections Framework**, **File I/O**and**concurrency**.
* Extensively worked on **Spring Data JPA, Spring JDBC, Spring HibernateORM** and **JPA**.
* Developed server side application to interact with database using **Spring Boot** and **Spring Data JPA** to consume multiple repository interfaces that are used for different purposes.
* Hands-on experience in using message brokers such as **ActiveMQ** and **Rabbit MQ**.
* Implemented the function to send and receive AMQP messages on **RabbitMQ** synchronously and asynchronously, and send JMS message to **Apache Active MQ** on the edge device.
* Developed generic **Kafka** component which met all the needs of audit logging for **Corner Stone**ingestion.
* Experience in installing, configuring and monitoring DataStax cluster.
* Experience in deploying the **Cassandra** cluster in cloud, on premises, data storage and disaster recovery.
* Experience in developing scalable solutions using **NoSQL databases CASSANDRA, MongoDB**.
* Involved in the process of data modeling **Cassandra** Schema.
* Collaborate with cross-functional teams to determine and implement inter operable **RESTfulmicroservices**
* Consumed **SOAP** and **Restful web services** in **SOA** environment and used **SOAP UI** and **POSTMAN** for testing.
* Devised a solution to achieve optimized throughput **SLA** by rationalizing applicationmicroservices.
* Wrote build scripts using **Maven** and **integrated** with **Jenkins** for **Enterprise Cloud Platform**deployments.
* Used **log4j** to print the logging, debugging, warning, infostatements.
* Used **Grafana**, **Splunk** and **Kibana** for Monitoring applicationlogs.
* Developed test classes in **JUnit** for unit testing using **SpringBootTest** and**Junit5.**
* Used **Postman** to test the **RESTful API** for **HTTP** requests such as **GET**, **POST**, and**PUT**.
* Used **GIT** for version control tool for merging branches and used **SourceTree** to solveconflicts.
* Worked on L2 BDD’s to test E2E flow of the code changes by writing different test cases for all the data fields.

**Environment**: Java 1.8, INTELLIJ, J2EE, Struts 2.0, Hibernate 3.0, Servlets, JSP, JavaScript, JQuery,Mybatis, HTML 5, CSS, Bootstrap, AJAX, AngularJS 1.X, REST, GAIA, XML, JIRA, Junit 4.0, GIT, Kafka, Maven, WebLogic 12.0 and WebSphere Application Server. ​

**State of Alabama – Montgomery, AL Aug2019 – Aug 2020**

**Role: Javadeveloper**

**Description:** Licensing Application Project – Board of Nursing Single State Application to Multi State Application Enhancement changes.

 **Responsibilities:**

* Involved in Analysis, Design, Development, DEV, UAT and Production phases of the application.
* Served as POC for on call support in the production team and SRE team on a rotation basis
* Implemented the project as a multi-tier application using **Spring MVC, Spring boot, Microservices**& used core Spring concepts like MVC, Cloud,Security, AOP AND IOC.
* Used **REST API, HTTP** requests and implemented JSON format for data exchange for communication of microservices with one another.
* Utilized Directory IBID API to develop a module to connect to Janus and IDAnywhere for user authentication, to create and remove user entitlements. The module is used throughout the PRD applications.
* Used AIM, Jules and Jenkins for continuous integration, GitHub for version management & Maven for building the application in the cloud leveraging GAIA API’s.
* Used SQL and PL/SQL in writing Packages, Stored procedures,indexes, views, synonyms, sequences Functions, and Database Triggers.
* Extensively worked on both consumption & producing of **RESTful** based **Webservices** using JAX-RS & jersey parsers.
* Performed CRUD operations like Update, Insert and Delete data in MongoDB.
* Worked on **MongoDB** database concepts such as locking, transactions, indexes, Sharing, replication, schema design, etc.
* Worked on creating various types of indexes on different collections to get good performance in MongoDB database.
* Extensively worked on **Spring Data JPA, Spring JDBC, Spring HibernateORM** and **JPA**.
* Developed server-side application to interact with database using **Spring Boot** and **Spring Data JPA** to consume multiple repository interfaces that are used for different purposes.
* Experience in upgrading and migrating various versions of Mongo database on different platforms.
* Good experience in setup, configuration & implementation of Mongo Database clusters.
* Hands-on experience in using message brokers such as **ActiveMQ** and **Rabbit MQ**.
* Implemented the function to send and receive AMQP messages on **RabbitMQ** synchronously and asynchronously, and send JMS message to **Apache Active MQ** on the edge device
* Using swagger to document all webservices.
* Participated in PBR sessions gathering along with the Business Analysts.
* Handled the requirements, code and test walkthroughs.
* Developed XSLT files for transforming the XML response from the web service into HTML as per the business requirements.
* Implemented UI using Angular JS, **Java Script, jQuery, HTML5 & CSS3.**
* Developed the Persistence Layer using Hibernate.
* Used Business Delegate, Singleton, Front Controller, Factory and DAO design patterns and Used session beans to expose the application for the use by the third-party users.
* Implemented logger for debugging using Log4j.

**Environment**: Java 1.8, J2EE, Struts 2.0, Hibernate 3.0, Servlets, JSP, JavaScript, JQuery,Mybatis, HTML 5, CSS, Bootstrap, AJAX, AngularJS 1.X, REST, GAIA, XML, JIRA, Junit 4.0, GIT, Kafka, Maven, WebLogic12.0 and WebSphere Application Server. ​

**Client: CVS Health Nov’16 – July 2019**

**Project: Novo Logix**

**Role: Java Developer**

**Greensboro, NC**

**Job Description:** Novo Logix, Inc. is a healthcare technology company that develops Software-as-a-Service (SaaS) based solutions for the management of at-home and in-office medical pharmacy. The company offers SaaS based authorization and claims software for managing the authorization process between healthcare providers and health plans, claims technology for processing injectables, infusible, and other pharmaceuticals paid for under the medical benefit, and a tool for submitting patient pathway information to health plans prior to services being performed. It offers its solutions using a secure web based Medical Application which integrates for various health insurance clients, like Avmed, BCBSM, BCBSSC, BCI, BCN, CareFirst, CareSource, HMSA, HNJH, HPHC, MedRx, NHP etc., primarily used for creating Medical & Pharmacy Prior Authorizations. It supports submission and online approval of preauthorization requests for medical speciality drugs. The information systems and services platform created various capabilities which effectively and efficiently manage drugs covered under the medical benefits. including commercial health plans, government plans, specialty pharmacies, prescription benefit managers, network managers, and healthcare providers in the United States.

 **Responsibilities:**

* Used Business Delegate, Singleton, Front Controller, Factory and DAO design patterns
* Worked on the consumption/producer side of **REST** based **Webservices.**
* Improved the throughput of the Smart Services Module using the concepts of multithreading like Executor Services & Concurrency API.
* Developed the Persistence Layer using Hibernate.
* Used JMS queues for a synchronous communication.
* Implemented the project as a multi-tier application using Struts 2.0.
* Worked on Web Services such as SOAP (JAX-WS) and REST (JAX-RS) and also implemented using Spring technologies.
* Performed CRUD operations like Update, Insert and Delete data in MongoDB.
* Worked on MongoDB database concepts such as locking, transactions, indexes, Sharing, replication, schema design, etc.
* Worked on creating various types of indexes on different collections to get good performance in MongoDB database.
* Experience in upgrading and migrating various versions of Mongo database on different platforms.
* Good experience in setup, configuration & implementation of Mongo Database clusters.
* Configuring and Maintaining PL/SQL Replication Server for Oracle and used TOAD as Oracle client.
* Implemented UI using Angular JS, Java Script, jQuery, HTML5 & CSS3.
* Used AngularJS as the development framework to build a single page application.
* Involved in building and maintaining cloud-based infrastructure on AWS.
* Implemented logger for debugging using Log4j
* Installed Kafka manager for consumer lags and for monitoring Kafka metrics also this has been used for adding topics, Partitions etc.
* Used RabbitMQ messaging queue to communicate between microservices.
* Used Spring BOOT to create stand-alone spring applications
* Experience in managing large-scale, geographically-distributed database systems, including relational

(Oracle, SQL server) and NoSQL (MongoDB, Cassandra) systems.

* Migrated Database from SQL Databases (Oracle and SQL Server) to NO SQL Databases

(MONGODB).

* Performed built Elastic search, Log stash for centralized logging and then store logs, metrics into S3bucket using Lambda function.
* Build and deployed the **Micro service** to Docker platform with Devops configuration.
* Installation of search technologies such as Apache Solr on AWS EC2
* Used Jenkins for continuous integration, Github for version management & Maven for building the application in the cloud leveraging AWS API’s.
* Developed few stored procedures, triggers and sequences.
* Used JDK 1.8 for developing the application and made use of built in functional interfaces, lambda expressions and stream API for code refactoring.
* Developed XSLT files for transforming the XML response from the web service into HTML as per the business requirements and used different XML technologies such as XPATH.
* Designed and developed JUnit test cases during the development phase.
* Used Jenkins for continuous integration and Maven for building the EAR file.
* Served as POC for on call support in the production team on a rotation basis
* Excellent problem-solving skills and ability to work independently.

**Environment**: Java 1.8, J2EE, Struts 2.0, Hibernate 3.0, Servlets, JSP, JavaScript, JQuery, HTML 5, CSS, Bootstrap, AJAX, AngularJS1.X, REST, AWS (Amazon Web Services), XML, JIRA, Junit 4.0, GIT, Kafka, Maven, Weblogic 12.0 and WebSphere Application Server. ​

**JP Morgan Chase – Wilmington, DE Oct2015 ­ Oct 2016**

**Role:Java Developer**

**Description:** MCT IT marketing department provides IT services and help out marketing division to develop, maintain and support the web based and windows-based applications. The purpose of marketing IT department is to ease the business process which carried out day by day. The objective is to make the enhancement into existing application using the new concepts or statistical modifications into business. Also develop new application as per business needs. Windows OS Tech Refresh (Windows Servers) is mainly about migrating the old servers 2008 version into the new servers of 2012 version this application mainly used to run many applications on different kinds of servers as a backup to collect the info by the Jpmc employees. All these applications are useful for different kinds of uses for the customers.

**Responsibilities:**

* Involved in Analysis, Design, Development, UAT and Production phases of the application.
* Experience in Waterfall Model, Agile methodologies such as Scrum and Test-Driven Development.
* Developed **Microservices**& APIs using Core **Spring, Spring MVC** and Used JMS (Java Messaging Service) as messaging system between the APIs and **Microservices**
* Used Spring framework to handle application logic and make calls to business objects and services.
* Developed the UI screens using HTML5, CSS3, Ajax JQuery, BootStrap, Angular JS 2.0 and was involved in resolving cross browser Java script issues.
* Developed XSLT files for transforming the XML response from the web service into HTML as per the business requirements.
* Developed the Persistence Layer using Hibernate.
* Currently involved in designing and building Microservices using Spring Boot deployed on Docker
* Developed **RESTful** web services using JERSEY API, and developed both the producer & consumer.
* Used DOM Parser to parse the XML response from web services.
* Used Business Delegate, Singleton, Front Controller, Factory and DAO design patterns
* Used session beans to expose the application for the use by the third-party users.
* Developed few **stored procedures, triggers** and sequences.
* Worked on concurrency API to increase the throughput of the batch application.
* Design classes in backend to process various requests from front end and to generate responses using Servlets, core java and PL/SQL.
* Involved in performance tuning of application and environment for optimized performance during month end load using JProbe.
* Developed **Microservices**& APIs using Core **Spring, Spring MVC** and Used Apache Kafka cluster and JMS (Java Messaging Service) as messaging system between the APIs and **Micro services**
* Worked on deployment of the application and helped build team to provide deployment scripts using Ant, Maven and Jenkins.
* Extensively used Fusion Charts for reporting the data.
* Create Unit testing scripts using Java Testing Frameworks and perform unit testing of the developed code.
* Experience in building and maintaining cloud-based infrastructure on AWS.
* Served as POC for on call support in the production team on a rotation basis.

**Environment:** Java 1.8, AWS, JSP, CSS, HTML 5, Spring 3.1, RabbitMQ, Hibernate JMS, Spring cloud, Maven, Log4J, JavaScript, Angular JS, JUnit, Oracle 11G, Weblogic 9.1, iPlanet, Unix, Github, Oracle, Kafka, TOAD, Web Services.

**Intermountain Healthcare (IHC), Salt Lake City, Utah Jun 2014 to Sep 2015**

**Java Developer**

Help2 Clinical Desktop (CD) is a web application it provides web-based access to inpatient and outpatient data from the IHC Clinical Data Repository (CDR). Users can review as well as update or enter new data through CD. Many clinicians use CD daily for accessing patient data, which aids in making important clinical decisions. CD is mainly composed of a “shell” or “core”, and various modules running inside of the “shell”. Intended audiences for this document are mainly programmers.

**Responsibilities:**

* Worked in Requirement Analysis, Design, Development, Integration & Testing, Implementation and Operations & Maintenance phases of the project.
* Used AngularJS as the development framework to build a single-page application.
* Designed and implemented a framework for exposing software development assets through a RESTful web service.
* Used Spring ORM to integrate Spring Framework with Hibernate.
* Working on spring boot and restful webservices
* Used Springs JDBC and DAO layers to offer abstraction for the business from the database related code (CRUD).
* Used Spring AOP module to handle transaction management services for objects in any Spring-based application.
* Formed complex associations between Plain Old Java Objects using Hibernate.
* Worked with JUnit, Maven and Log4j for testing, building and logging information.
* Worked on Splunk monitoring tool dashboards for easy debugging.
* Developed and debugged the application using Eclipse IDE
* Designed and coded application components in Agile environment utilizing a test-driven development approach.

**Environment:**Java 1.6, Spring Core, Spring Security, MVC, Hibernate, Docker, Web Services, AngularJS, UNIX, Splunk, SQL, Log4j, JAX-Restful Services, WebLogic Server12c, JUnit, Eclips

**ICICI Bank, Mumbai, India May 2012 – Oct 2013**
**Project: Treasury Information Portal**

The Treasury Information Portal is a unique service offered by ICICI Bank that provides the Customer with visibility into all their Credit, Cash, Debit, and Investment positions, globally, across all their financial institutions. In addition, the Customer will have the capability to perform internal Treasury functions between their own legal entities along with the capability to use ICICI Bank global transaction services.

**Responsibilities:**

* Developed the database and UI design for the web module.
* Built prototypes of complex modules and analyzed the performance.
* Developed EJBs, JSPs and Java Components for the application using Eclipse.
* Prepared the Unit test plans and the integrated test plans.
* Implemented Version control for the Project using Microsoft Visual Source Safe.
* Coordinated and supported the team during implementation.
* Involved in design, development and testing phases of the application.
* Implemented Struts framework in the presentation tier for all the essential control flow, business level validations and for communicating with the business layer.
* Developed various helper classes needed following Core Java multi-threaded programming and Collection classes.
* Involved in the understanding and designing of the complex back-end middleware framework.
* Used Java Servlets, JSPs, AJAX, HTML and CSS for developing the Web component of the application.
* Planned and implemented various Oracle Tables, stored Procedure, triggers, views, cursors.
* Involved in the analysis, definition, design, implementation and deployment of full software development life-cycle (SDLC) of the project.
* Participated in the technical code reviews, prepared unit test cases, detailed time estimation, impact analysis and code review documents.

**Environment:** Java 1.4, Struts 1.2, Hibernate, EJB, WebLogic Server 8.1, HTML, CSS, JUnit, JSP, Servlets, JMS, Oracle 9i, Windows XP, MVC Pattern, SVN, Log4J.